ABSTRACT

A magnetic shield structure for a color cathode ray tube is provided which can improve color chrominance, rotation redundancy and magnetic field redundancy of the color cathode ray tube, by preventing an electron beam from being moved due to an earth magnetic field, so that the electron beam can be landed on a designated fluorescent material. Accordingly, in a color cathode ray tube including a tension mask assembly comprising a tension mask for color-discriminating an electron beam, and a main frame and a sub frame for supporting the tension mask, and a magnetic shield structure disposed at a funnel, for preventing deflection and distortion of the electron beam, the magnetic shield structure includes a main unit for shielding the inner sides of the funnel, and a front unit where the tension mask assembly is inserted.